

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

455 12TH STREET, S.W.

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Report No. 363 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 11/1/03 to 1/1/04:

- **WD2XGV TELEPHONE & TWO WAY INC. 0167-EX-PL-2003**
New experimental to operate on Multiple Address System (MAS) frequencies for test and development of MAS equipment.
Fixed & Mobile: Cleveland-Akron, OH; Miami-Ft. Lauderdale, FL; Columbus, OH
- **WD2XFE ROBERT E. BICKING 0173-EX-PL-2003**
New experimental to operate on frequencies between 135 kHz and 138 kHz for propagation testing.
Fixed: Freeport (Stephenson), IL
- **WD2XGJ WARREN H ZIEGLER 0237-EX-PL-2003**
New experimental to operate in 136-140 kHz for propagation testing.
Fixed: Wayland (Middlesex), MA
- **WD2XFY HIGHWAY INFORMATION SYSTEMS, INC. 0222-EX-PL-2003**
New experimental to operate on 530 kHz, 1610 kHz, 1620 kHz, 1640 kHz and 1660 kHz for testing and demonstration of highway advisory radios.
Mobile: Continental United States, Alaska & Hawaii
- **WD2XEP SCHOOL FOR MARINE SCIENCE AND TECHNOLOGY 0153-EX-PL-2003**
New experimental to operate on 4470, 4550, 4800, and 4900 kHz for research of ocean currents.
Fixed: Eastham (Barnstable), MA
- **WD2XGL POWERWAN, INC. 0242-EX-PL-2003**
New experimental to operate in 1.7-50MHz for current carrier system tests.
Mobile: Temporary fixed locations within the State of Nevada
- **WD2XGN INTERTEK TESTING SERVICES, NA., INC. 0235-EX-PL-2003**
New experimental to operate in select bands between 80-1960 MHz for RF immunity testing.
Mobile: Within a metallic elevator test tower located at 1578 Sussex Turnpike, Randolph, NJ
- **WC2XWX THE BOEING COMPANY 0097-EX-PL-2002**
New experimental to operate on 121.15 MHz, 121.175 MHz, 121.2 MHz, 121.15 MHz, 131.275 MHz, and 131.3 MHz for testing aircraft GPS equipment for FAA requirements.
Fixed: Seattle (King), WA
- **WD2XFI SPACE EXPLORATION TECHNOLOGIES 0177-EX-PL-2003**
New experimental to operate a beacon on 144 MHz for locating rocket boosters.
Mobile: Pacific Ocean

- **WD2XFR CONSULTING & ENGINEERING NEXT GENERATION NETWORKS INC. 0190-EX-PL-2003**
New experimental to operate in 600-800 MHz for developing proof of concept system for military using unused channels for demo purposes.
Mobile: Piedmont, TN and a radius of 100 km from Piedmont, TN
- **WD2XGP VIACEL CORPORATION 0231-EX-PL-2003**
New experimental to operate in 710-716 and 740-746 MHz for test and development of Wireless Communications Services technology.
Fixed: New York, NY; Union City, NJ
- **WD2XGT NOKIA 0263-EX-PL-2003**
New experimental to operate in 824-849, 869-894, and 1850-1990 MHz for test and development of communications technologies.
Mobile: San Diego, CA
- **WD2XFN MARYLAND DEPARTMENT OF THE ENVIRONMENT 0203-EX-PL-2003**
New experimental to operate on 915 MHz for wind profiler radar.
Fixed: FT. MEADE, MD
- **WD2XFO MARYLAND DEPARTMENT OF THE ENVIRONMENT 0204-EX-PL-2003**
New experimental to operate on 915 MHz for wind profiler radar.
Fixed: Frostburg, MD
- **WC2XRH CLEMSON UNIVERSITY, DEPARTMENT OF PHYSICS AND ASTRONOMY 0158-EX-PL-2001**
New experimental to operate on 1290 MHz for remote sensing of raindrop size under NASA contract.
Fixed: Pendleton, SC
- **WD2XGH QWEST COMMUNICATIONS 0233-EX-PL-2003**
New experimental to operate in 1910-1920 MHz for test and development of Personal Communications Services technology.
Fixed & Mobile: Dublin (Franklin), OH
- **WD2XGR INTERDIGITAL COMMUNICATIONS CORPORATION 0254-EX-PL-2003**
New experimental to operate in 1910-1920 MHz for equipment testing.
Fixed & Mobile: King of Prussia (Montgomery), PA
- **WD2XGS INTERDIGITAL COMMUNICATIONS CORPORATION 0255-EX-PL-2003**
New experimental to operate in 1910-1920 MHz for equipment testing.
Fixed & Mobile: Fort Monmouth (Monmouth), NJ
- **WD2XGU NORTHROP GRUMMAN 0257-EX-PL-2003**
New experimental to operate in 1915-1920 MHz for demonstration of 4G technologies.
Fixed: Chantilly (Fairfax), VA
- **WD2XEV HARRIS CORPORATION 0152-EX-PL-2003**
New experimental to operate in 2422-2449 MHz for testing for Navy.
Fixed & Mobile: Coyle (Kitsap), WA; Bremerton Junction (Kitsap), WA
- **WD2XFU ALDA WIRELESS HOLDINGS, INC. 0213-EX-PL-2003**
New experimental to operate in 2500 MHz band for development of broadband equipment.
Mobile: Johnson and Wyndotte counties in Kansas; Jackson and Cass counties in Missouri
- **WD2XGQ SOMA NETWORKS, INC. 0168-EX-PL-2003**

New experimental to operate in 2506-2512, 2518-2524, 2626-2632, and 2638-2644 MHz for test, development and demonstration of wireless broadband technologies.

Fixed: Chico (Butte), CA

- **WD2XEK SENSIS CORPORATION 0145-EX-PL-2003**

New experimental to operate in 3100-3400 MHz for test and development of radars/antennas.

Mobile: DeWitt, NY